AMENDMENTS TO THE SPECIFICATION

Please replace the third paragraph bridging pages 1 and 2, with the following amended paragraph:

Packets 1311 (packets 1, 2, ..., N) correspond to RTP packets transmitted from the terminals 1301, 1302, ..., 130N and transfer media data such as voice, moving pictures to individual destinations. A base station 1320 bridges the packets 1311 (RTP packets) transmitted through the network 1310 to a wireless LAN. Wireless LAN packets 1321, ~~1332~~1322, ..., 132N comprise wireless LAN headers and payloads 1, 2, ..., N respectively, and correspond to RTP packets bridged to the wireless LAN and transfer real-time communication data such as voice, moving pictures to wireless LAN terminals 1331, 1332, ..., 133N. The wireless LAN terminals 1331, 1332, ..., 133N decode the received wireless LAN packets 1321, ~~1332~~1322, ..., 132N (RTP packets) to reproduce the media data such as voice, moving pictures respectively.

Please replace the second paragraph on page 10, with the following amended paragraph:

Further, a UDP (User Datagram Protocol) ~~protocol~~ is applied to each RTP session using the RTP packet. Since the ACK reply occurs in a unicast on the wireless LAN, its header also presses the band. Thus when a large number of RTP sessions are developed or broadcasted through the wireless LAN, the transmission and reception of a short packet frequently occur and hence its header increases markedly in band consumption, so that the quality of voice and moving pictures is degraded.

Please replace the second paragraph on page 13, with the following amended paragraph:

Incidentally, while the general queue ~~240~~204 in the base station 120 is provided collectively as one in the present embodiment, the general queue ~~240~~204 may be divided every destination MAC addresses. Timings provided for the radio beacons may be used as the timings provided to generate the capsulated packets by the respective interval timers 207 and 225 of the base station 120 and the wireless LAN terminals 131 through 13N.

Please replace the last paragraph bridging pages 28-29, with the following amended paragraph:

A wireless packet transmitter 629 sends out the packets passed or transmitted through the packet combiner 627 or the packet combined thereby to the wireless LAN along a period T. Here, the voice and moving pictures differ according to how to see the periods even in the case of the RTP packets as understood from the voice packet generation period 600 and moving pictures packet generation period 601. In the case of the voice of the RTP packets that arrive at the packet sorters 612 and 622, the voice packets arrive at predetermined intervals, but in the case of the moving pictures thereof, a series of RTP packets arrive at intermittent intervals.

Please replace the first full paragraph on page 32, with the following amended paragraph:

In Fig. 10, terminals 901, 902, ..., 90N on the network side perform real time communication with wireless LAN terminals 931, 932, ..., 93N through a network such as Internet, a LAN with a base station 920 interposed therebetween. While major structure elements are shown in the terminals 901~~, 902, ..., 90N~~, they are common to other terminals 902 through 90N and wireless LAN terminals 931, 932, ..., 93N. Incidentally, the terminals 901, 902, ..., 90N correspond to the terminals 101, 102, ..., 10N of Fig. 1, the base station 920 corresponds to the base station 120 of Fig. 1, and the wireless LAN terminals 931, 932, ..., 93N correspond to the wireless LAN terminals 131, 132, ..., 13N of Fig. 1, respectively. The network 110 of Fig. 1 is not shown in the drawing. The wireless LAN terminals 931, 932, ..., 93N in Fig. 10 respectively have functions equivalent to the wireless LAN terminals 131, 132, ..., 13N according to the first embodiment.

Please replace the last paragraph bridging pages 35-36, with the following amended paragraph:

In Fig. 12, terminals 1101, 1102, ..., 110N perform real time communication with a system through an external network 1100 such as Internet. A WAN communications unit 1111 in the IP exchanger (IP switch) of the present system serves as the medium of communications

with the external network 1100. A QoS determination unit 1112 extracts RTP packets from packets received by the WAN communications unit ~~111~~1111 and sorts them into their corresponding QoS queues set every wireless LAN base stations 1120 and 1130 accommodated in the present system.